

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Cable Box
Manufacturer: DirectTV
Firmware Version: N/A
Model(s): HR24-500

Version History:

Driver Version	Date	IP Link Compiler	G C Version	Notes
1	8/24/2010	1.4.0	3.0.3	Initial version.

Driver Notes:

IP Link[®] Device Interface Communication Sheet

Control Commands & States:

Channel TV (Discrete)	0-9		
Channel TV (Step)	Up	Down	Previous
Executive Mode	On	Off	
Menu Navigation	Menu	Guide	Left
	Right	Up	Down
	Enter	Select	Back
	Exit	Info	Active
	List	-	Repeat
	Red	Yellow	Green
	Blue	Next	Format1
Power Control	On	Off	
Transport	Play	Pause	Stop
	Rew	FFwd	Record

Status Available:

Connection Status	Connected	Disconnected
Signal Status	Signal Strength	

IP Link[®] Device Interface Communication Sheet

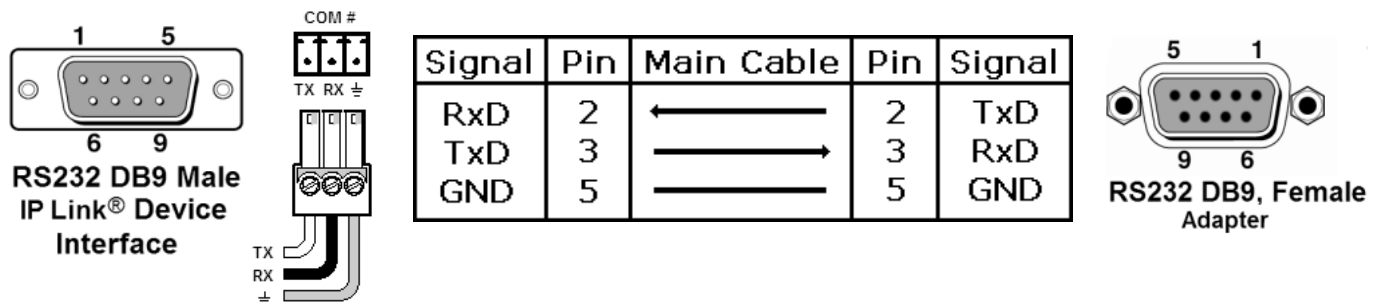
MLC62 Supported Commands:

Channel TV (Discrete)	0-9		
Channel TV (Step)	Up	Down	Previous
Executive Mode	On	Off	
Menu Navigation	Menu	Guide	Left
	Right	Up	Down
	Enter	Select	Back
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	Rew	FFwd	Record

Cable and Adapter Requirements:

USB- Serial Adapter (IOGEAR GUC232A, ATEN UC-232A or BAFO BF-810)

M/F RS-232 straight serial cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:**Serial communication:****Port Type:** RS-232**Baud Rate:** 9600**Data Bits:** 8**Parity:** None**Stop Bits:** 1**Flow Control:** None**Pin Assignments Diagram:**

Note: Captive screw connector may also be used as a serial connection.

General Notes: